



Substitute for form 1449A/PTO (Modified)				<b>Complete if Known</b>	
				Application Number	10/782,646
				Filing Date	February 18, 2004
				First Named Inventor	HYLDIG-NIELSEN, et al
				Art Unit	1635
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	
375461-036US					

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KS	A1	US-6,472,156 B1	10-29-2002	Wittwer et al.	
↓	A2	US-6,265,166	07-24-2001	Frank-Kamenetskii et al.	
↓	A3	US-2003/0077608	04-24-2003	Coull et al.	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KS	B1	WO 00/18965 A1	04-06-2000	University of Utah Research Foundation	
↓	B2	WO 92/14845 A1	09-03-1992	Worcester Foundation for Experimental Biology	
↓	B3	WO 99/42611 A1	08-26-1999	The Secretary of State for the Defense	
↓	B4	WO 00/56746 A2	09-28-2000	Exiqon A/S	
↓	B5	WO 01/48190 A2	07-05-2001	Exiqon A/S	
↓	B6	WO 02/28875 A2	04-11-2002	Cureon A/S	

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>6</sup>
KS	C1	DE SILVA, D., et al., "Monitoring Hybridization During Polymerase Chain Reaction," Journal of Chromatography, Biomedical Applications, April 2000, 3-13, 741(1), Elsevier, Amsterdam, NL			
↓	C2	BERNARD, P.S., et al., "Homogeneous Multiplex Genotyping of Hemochromatosis Mutations with Fluorescent Hybridization Probes," American Journal of Pathology, October 1998, 1055-1061, 153(4), Philadelphia, PA, US			
↓	C3	BERNARD, P.S., et al., "Color Multiplexing, Hybridization Probes Using the Apolipoprotein E Locus As A Model System for Genotyping," Analytical Biochemistry, September 10, 1999, 221-228, 273(2), San Diego, CA, US			
↓	C4	"LightCycler System Real-Time PCR – as flexible as you are," Roche Diagnostics Corporation, 2001, pp. 1-34			
↓	C5	AFONINA et al., "Efficient Priming of PCR with Short Oligonucleotides Conjugated to a Minor Groove Binder," Nucleic Acids Research, 1997, 2657-2660, 25(13)			
↓	C6	BONNET et al., "Thermodynamic Basis of the Enhanced Specificity of Structured DNA Probes," Proc. Natl. Acad. Sci. USA, May 1999, 6171-6176, 96			
↓	C7	ELAYADI et al., "Implications of High-Affinity Hybridization by Locked Nucleic Acid Oligomers for Inhibition of Human Telomerase," Biochemistry, 2002, 9973-9981, 41			
↓	C8	KOSHKIN et al., "LNA (Locked Nucleic Acid): An RNA Mimic Forming Exceedingly Stable LNA:LNA Duplexes," J. Am. Chem. Soc., 1998, 13252-13253, 120			
↓	C9	KOSHKIN et al., "Novel Convenient Syntheses of LNA [2.2.1] Bicyclo Nucleosides," Tetrahedron Letter, 1998, 4381-4384, 39			
↓	C10	KUMAR et al., "The First Analogues of LNA (Locked Nucleic Acids): Phosphorothioate-LNA and 2'-Thio-LNA," Bioorganic & Medicinal Chemistry Letters, 2219-2222, 8			

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NON PATENT LITERATURE DOCUMENTS				
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KS	C11	MARRAS et al., "Efficiencies of Fluorescence Resonance Energy Transfer and Contact-Mediated Quenching in Oligonucleotide Probes," Nucleic Acids Research, 2002, 1-8, 30(21)		
	C12	SAGHATELIAN et al., "DNA Detection and Signal Amplification Via An Engineered Allosteric Enzyme," J. Am. Chem. Soc., 2003, 344-345, 125		
	C13	SINGH et al., "Universality of LNA-Mediated High-Affinity Nucleic Acid Recognition," Chem. Commun., 1998, pp. 1247-1248		
	C14	STUYVER et al., "Classification of Hepatitis C Viruses Based on Phylogenetic Analysis of the Envelope 1 and Nonstructural 5B Regions and Identification of Five Additional Subtypes," Proc. Natl. Acad. Sci. USA, October 1994, 10134-10138, 91		
	C15	STUYVER et al., "Second-Generation Line Probe Assay for Hepatitis C Virus Genotyping," Journal of Clinical Microbiology, September 1996, 2259-2266, 34(9)		
	C16	TIAN et al., "Solvent Effect on the Triplet Lifetime of Some Rhodamine Dyes," Dyes and Pigments, 1994, 167-174, 26		
	C17	YARON et al., "Intramolecularly Quenched Fluorogenic Substrates for Hydrolytic Enzymes," Analytical Biochemistry, 1979, 228-235, 95		
↓	C18	ZEIN, "Clinical Significance of Hepatitis C Virus Genotypes," Clinical Microbiology Review, April 2000, 223-235, 13(2)		
↓	C19	International Search Report for PCT/US2004/004815 dated August 24, 2004.		

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